

# PEPPER GRINDER OPERABLE WITH ONE HAND AND BY PRESSING AND RELEASING A LEVER REPEATEDLY

## ABSTRACT

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A pepper grinder includes a grinding mechanism, a rotary sleeve, and a depressed sleeve. The rotary sleeve is supported so as to not move down, and joined to an inner wheel of the grinding mechanism with a shaft; the depressed sleeve has several protrusions on an inner side, and  
10 is biased upwards by a spring; the rotary sleeve is arranged under, and inserted into the depressed sleeve; the rotary sleeve has spaced spiral-curved guiding grooves on a cylindrical surface, and upright guiding grooves spaced between and connected to the spiral-curved grooves; when the depressed sleeve is not being depressed, the  
15 spiral-curved guiding grooves are fitted over upper ends of corresponding protrusions; thus, the inner wheel can be turned relative to an outer wheel for crushing peppercorns when the depressed sleeve is moved up and down repeatedly.

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